# SCHEME OF STUDIES & EVALUATION PLAN FOR ONE YEAR DIPLOMA IN INFORMATION TECHNOLOGY COURSE ( 2011 )

#### **Diploma in information Technology**

#### PART-1/ FIRST SEMESTER

# **Information & Communication Technology (ICT)**

#### 1. Introduction to information technology

- a) Information Technology
- b) Data types of data
- c) information
- d) History of computing
- e) Introduction to computer hardware and trouble shooting concepts

#### 2. Introduction to computer Hardware

- a) Introduction to the personal Computer
- b) safe Lab procedures and Tool Use
- c) Computer Assemble Step-by-Step
- d) Basics of preventive Maintenance and Troubleshooting.
- e) Fundamental Operating System
- f) Fundamental Laptops and portable Devices
- g) Fundamental printers and Scanners.

#### 3. Storage Devices

- a) Main / primary memory (RAM, ROM)
- b) Secondary / Auxiliary Storage Devices
- c) (Hard Disk, CD-ROM, Magnetic tape, Magnetic drum), USB
- d) Introduction of Microprocessor
- e) Basic Architecture of microprocessor
- f) Introduction of different technologies of microprocessors

# 4. Software design and algorithm:

- a) Software
- b) System Software
- c) Application Software
- d) Flow Charts
- e) concepts of programming languages & their types
- f) compiler
- g) Interpreter
- h) Assembler

#### 5. Productive Enhancement Software Packages

- a) Introduction of Word Processors, Spread Sheets, Database
- b) Introduction of Number System and their inter conversion
- c) Impact of computers and internet on society (uses and misuses)
- d) Computer Codes (BCD, EBCDIC, ASCII, and Unicode)

#### 6. CAD/CAM

- a) Speculation on future computers and their uses
- b) Al Neural network
- c) Expert System
- d) Virus
- e) Antivirus.

#### 7. Fundamental Networks

- a) Networks and its types
- b) Networks media
- c) Topologies
- Aline ditt. bloose of the confineration of the conf d) network Devices

#### **OFFICE AUTOMATION**

#### **A- WORD PROCESSING**

Ms-Word, Word processing, Manual and electronic Word processing

### 1. <u>Screen Layouts</u>

- a) Menus
- b) Shortcut
- c) Toolbars
- d) Customization of Toolbars
- e) Title Bar, Status Bar, Scroll
- f) Bars and Rulers.

# 2. Working with files

- a) Create, Open, Save, Rename and Close a document
- b) Working on Multiple Documents.
- c) Cut, Copy, Paste, Special Undo and Redo Operations
- d) Find Replace and go to Commands
- e) Text, Paragraph and Page Formatting
- f) Header and Footer
- g) Date and Time
- h) Bullets and Numbering
- i) Columns and Drop Caps
- j) Tabs and Margins
- k) Comments and Foot Notes
- 1) Insert a picture and its Formatting
- m) Use of Spelling and Grammar Check, Auto Correct Synonyms Theasurus.
- n) Page Break Section Break and Background Printing
- o) Table of contents Glossary,
- p) Hyperlink and Bookmark
- q) Insert a Table, Add and
- r) Delete Columns Rows and
- s) Cells
- t) Merge and Split Cells
- u) Formula Implementations

#### 3. <u>Document Printing</u>

- a) Selection of a printer
- b) Printing Setting
- c) Print Preview
- d) Print and Page Setup
- e) Shortcut Keys

#### **B- MS- EXCEL**

a) Basic Terminology of Ms- Excel

- b) Creating Opening Renaming Saving and Closing Workbook/ Spread Sheet
- c) Editing Functions: Undo, Redo. Fill, Auto Fill, Delete, Cut, Copy, Paste, Clear, Find and Replace
- d) Inserting: Header & Footer Cells Rows / Columns and Worksheet
- e) Working with Formulas: Entering Formula with the help of Formula Bar Entering Formula.
- f) Directly into the cells, sue of Arithmetic and Logical Formulas.
- g) Use of Built- in functions Time and Date Concatenation, Sum if, Nested Max, Min.
- h) Average, Count, Now, Month, Day, Year Upper, Lower, Left & Right.
- i) Tools and Date: Spell Check, Auto Correction, Workbook protection Data Sorting and filtering
- j) Formatting Cells and Text, Borders and Shading, Positioning Cells and Text, Auto Format,
- k) Categories, of numbers, Cell / Range Referencing, Alignment, Date & Time Working With Charts, Creating Editing and Formatting of various types of Charts
- 1) Printing: Selecting Printer, Print selected areas page selection
- m) Sorter View.

#### **C- POWER POINT**

1. Define Power Point

#### 2. PRESENTAION.

- a) Power point presentation environment
- b) View icon of Power Point
- c) Start Power Point, Open a Presentation
- 3. Creating a new presentation using
  - a) MS-Power point by
  - b) Creating By Design Template
  - c) Creating By Blank Presentation
  - d) What is slide?
- 4. Choose an Auto Layout, Using Auto Layout
- 5. Editing and Formatting a Text Box
- 6. Choose a Common Text Tool in the
  - a) Formatting Tool Bar
- 7. Apply design Template
- 8. Set Background & Layout of Slides
- 9. Adding Pictures and Graphics in a slide
- 10. Apply Custom AnimationApply present animation
- 11. Apply Action Setting
- 12. Adding Sound to an Animation
- 13. Add Sound and Music effects to the presentation
- 14. Set view Options
  - Normal View

- Outline View
- Slide View
- Sorter View
- Notes Page View
- Slide Show
- Slides Show Off
- Important Short cut keys

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# **Computer Networking.**

#### **COURSE CONTENTS**

### PART-1 Basic Terminologies

- 1. Definition and History of Computer Networks.
- **2.** Local Area Network (LAN)
- 3. Metropolitan Area Network (MAN)
- **4.** Wide Area Network (WAN)
- 5. Basic Network Terminologies.
  - a) Data
  - b) Data rate
  - c) Baud rate
  - d) Peak data rate.
  - e) Bursty data.
- **6.** Peer-to-peer Network Vs Server basic Network
- **7.** Networking Topologies
  - a) Mesh, Bus, Star, Ring, Hybrid

### **Networking Devices**

- a) Node
- b) NIC
- c) Modem
- d) Access point
- e) Hub (active Hub, Passive Hub)
- f) Bridge
- g) Switch
- h) Router

#### **Transmission media**

- 1. Wired media
  - a. Coaxial cable (10 Base 2 10 Base 5 10 Base T, 100 Base X)
  - b. Twisted pair cable
- 2. Unshielded twisted- pair (Cat1,Cat 2, Cat 3, Cat 4, Cat 5, Cat 6, )
- 3. Shielded twisted- pair
  - a. Fiber optic cable
- 4. Wireless media
  - a. Reasons for wireless network
  - b. Wireless communication with LANs

#### **Types of Connectors**

- **1.** RJ45
- **2.** RJ11
- **3.** BNC

#### What is OSI Model?

a) Application Layer

- b) Presentation Layer
- c) Session Layer
- d) Transport Layer
- e) Network Layer
- f) Data Link Layer
- g) Physical Layer

#### **IP Addresses**

- **1.** IPv4
  - o Class A, Class B, Class C, Class D, and Class E, IP addresses
  - o Introduction to IPv6
- 2. Subnets
- **3.** Routed protocols and Routing Protocols (Deification, Similarity, Differences and examples)

# **Practical Portion**

- 1. Installing and Configuring Modem
- 2. DSL Configuration
- 3. Creating Straight Through cable
- 4. Creating Cross Cable
- 5. Creating Rollover Cable
- 6. Basic Commands for Troubleshooting
  - a. Ping, ipconfig / all, ipconfig / renew, ipconfig / release, trace route,

# **Case Study:**

- 1. Installing network simulator (packet Tracer)
- 2. Creating simple network scenarios
- 3. Configuring PC's with IP addresses subnet mask and gateway
- 4. Configuring switches by giving name to switches and management IP addresses
- **5.** Connection PCs to switch and then ping each other` that they are working properly.

#### **OPERATING SYSTEM**

#### **COURSE CONTENTS**

#### General

- 1. What is an Operating System and its role in the Computing environment?
- 2. Major parts of Operating System.
- **3.** Classification of Operating System.
- **4.** Desktop Vs Server base Operating System.

#### Windows 7

- 1. Installing Windows 7
- 2. Configure disks, Partitions, volumes, and device drivers.
- **3.** Configure file access and printers on a Windows 7 client computer.
- **4.** Configure network connectivity on a windows 7 client computer.
- **5.** Configure wireless network connectivity on a windows 7 client computer. (Bluetooth, Wi Fi)
- **6.** Secure Windows 7 client desktop computers.
- 7. Optimize and maintain the performance and reliability of a windows 7 client. computer
- **8.** Remote access setting for a windows 7 client computer.

#### **Windows Server**

- 1. Installing Windows Server 2008
- 2. Introduction to Administrative Tasks in Windows Server 2008 Environment
  - a) Managing Server Roles and Features.
  - b) Overview of Action Directory.
  - c) Using Windows Server 2008 Administrative Tools.
- 3. Creating Action Directory Domain Services User Computer Objects
  - a) Managing User Accounts.
  - b) Creating Computer Accounts.
- 4. Creating Groups and Organizational Units
  - a) Introduction to Groups.
  - b) Managing Groups.
  - c) Creating Organizational Units.
- 5. Creating and Configuring Groups Policy
  - a) Overview of Groups Policy.
  - **b)** Configuring the Scope of Groups policy Objects.
  - c) Managing Groups policy Objects.
  - **d)** Delegating Administrative Control of Group Policy.
  - e) Configuring Group policy setting.
  - f) Configuring Security Policies.
  - g) Configuring an Audit Policy.

#### 6. DNS

- a) Installing and Configuring the DNS Server Role.
- b) Managing and Troubleshooting DNS.

# 7. Managing Windows Server 2008 Backup and Restore

- a) Backups with windows Server 2008.
- b) Planning Backups Policy on Windows Server 2008.
- c) Planning a Server Restore Policy.

#### Linux

- **1.** Installing Linux (Red Hat ).
- 2. File System Management.
- **3.** Creating user accounts
- **4.** Installing application software's in Linux.
- **5.** Configuring device drivers.
- JAIINE dithology **6.** Executing basic commands in Terminal .

# Computer Programming C / C + +

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#### WHAT IS C/C++?

- **1.** What is C?
- **2.** Advantages of C language.
- **3.** C's Weaknesses
- **4.** History of C.
- 5. Difference between C & C ++

# BASIC LELMENTS OF C/C ++ PROGRAM

- 1. C/C ++ Character Set.
- **2.** C/C ++ Reserved Words.
- **3.** User- defined Words.
- 4. Variables
  - a) Naming Variables
  - b) Variable Types
- **5.** Constants.
  - a) Numeric Constants
    - i. Integer Constants
    - ii. Floating Point Constants.
    - iii. Exponential Real Constants.
  - **b)** Non-Numeric Constants.
    - i. Character Constants
    - ii. String Constants
- **6.** C/C + + Operators.
- 7. C/C + + Expressions
- **8.** C/C + + Statements.

# **STRUCTURE OF C/C + + PROGRAM**

- 1. Structure of C/C ++ program
- 2. C/C ++ comments.
- **3.** C/C++ libraries
- **4.** C/C ++ Data types.
- **5.** The size of operator
- **6.** Declaring Variables & Constants.
- 7. Assignment & Multiple Assignment operator.
- **8.** How to assign String data?
- **9.** Priority of Operations
- **10.** Types Casting Operator.
- **11.** Increment (++) & Decrement (--) operators.
- **12.** Compound assignment operators

### **OUTPUT STATEMENS.**

- **1.** The **printf** ( ) function.
- **2.** The **clrser** ( ) function.

- **3.** The **cout**, output stream.
- **4.** The **putch** ( ) & **putchar** ( ) Character output Function.
- **5.** The **puts** ( ) String output Function.

#### **INPUT STATEMENTS**.

- 1. The scanf() function
- 2. The gets () function.
- 3. The getchar (), getch (), and getch () functions.
- 4. Input using cin

#### **MAKING DECISIONS.**

- 1. Transfer of Control Process.
- 2. The if, if- else and nested if statements.
- **3.** Relational operators.
- 4. Conditional Operators.
- 5. Multiple Choice statements (switch / case / break / default).

# **LOOPING**

- 1. Counters.
  - a. Standard Counter.
  - b. Accumulator Counter.
  - c. Multiplicative Counter.
- 2. Looping in C/C ++
- 3. The for & nested- for statement
- **4.** The **while** loop.
- **5.** The do while loop.
- **6.** The break, continue and exit () statements.
- 7. Preprocessor Directive.

#### **STANDARD LIBRARY FUNCTION**

**1.** Trigonometric Functions

```
Sin(), cos(), tan() etc.
```

2. Arithmetic Functions.

```
Abs ( ), sqrt ( ), log ( ), exp ( ), ceill ( ) . floor ( ) pow ( ) pow 10 ( ), random( ), rand ( ), etc.
```

3. String Functions.

Strlen () strlwr (), strupr (), strrev (), strncpy (), strecat (), etc.

# Introduction to Data base

#### 1. Introduction to Data base

- (a) Introduction
  - (i) Data
  - (ii) Information
  - (iii) Meta Data
  - (iv) Definition of Data Base
  - (v) Advantages of Data Base
- **(b)** Data base Model
  - (i) Hierarchal Model
  - (ii) Network Model
  - (iii) Relation Model
- (c) Introduction to DBMS
- (d) Function of DBMS

# 2. Entity Relationship Model

- (a) ERD
  - (i) Elements of ERD Model

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- (ii) E-R Diagram
- (iii) Relationships
- (iv) Degree of Relationship
- (b) Attributes
  - (i) Introduction to Attributes
  - (ii) Types of Attributes
  - (c) Association
    - (i) 1:1
    - (ii) 1:M
    - (iii) M:M

# 3. Normalization

- (a) Anomalies
- **(b)** Function Dependency
- (c) First Normal Form
- (d) Second Normal Form
- (e) Third Normal Form

# 4. SQL (Using MS SQL Server / Oracle/ My SQL)

- (a) DDL (Data Definition Language)
  - (i) CREATE Statement
  - (ii) ALTER Statement
  - (iii) DROP Statement
  - (iv) RENAME Statement
  - (v) TRUNCATE Statement

**(b)** DML (Data Manipulation Language) **INSERT Statement** (i) (ii) **UPDATE Statement DELETE Statement** (iii) **(c)** DCL (Data Control Language) **COMMIT Statement** (i) **ROLLBACK Statement** (ii) Data retrieval (d) (i) **SELECT Statement** WHERE Clause (ii) (iii) **GROUP BY** (iv) ORDER BY (v) **HAVIING Clause** (e) **Function Constraint** (i) Concept of Key Primary Key, Secondary Key, Candidate Key, Alternate Key, (ii) Composite Key, NOT NULL Constraint (iii) (iv) **UNIQUE** Constraint Primary Key Constraint (v) (vi) Foreign Key Constraint **Check Constraint** (vii) (f) Function (a) **Character Function** (i) **UPPER** (ii) **LOWER** INITCAP (iii) (iv) **CONCAT** (v) **SUBSTR** (vi) **INSTR LENGTH** (vii) (viii) **LPAID RPAID** (ix) (x) LTRIM **RTRIM** (xi) **(b)** Numeric Function (i) ROUND (ii) TRUNC (iii)MOD (iv)COALESCE **Group Function (c)** 

- (i) Min
- (ii) Max
- (iii)AVG
- (iv)SUM
- (v) COUNT
- (d) Conversion Function
  - (i) TO-CHAR
  - (ii) TO-NUMBER
  - (iii)TO-DATE
- **(g)** Introduction Views and data dictionary
  - (i) Cerate simple / complex view
  - (ii) Importance of view in multi user environment.
- (h) UNDERSTANDING/ Managing User Privileges and Roles
  - (i) Introduction to Multi user environment
    - (ii) Definition of Role and privileges
      - a) CREATE USER
      - b) CREATE ROLE
      - c) DROP USER
      - d) CRANT PRIVILEGE (DBA,ALL,SELECT, UPDATE, DELETE, INSERT)
      - e) Revoking User Privileges and Roles.

#### MS. Access

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#### 1. DATABASE CONCEPTS

What is data and Database?

- 1.1 Why use Electronic Database?
- 1.2 Tables and Relationships
- 1.3 One to One
- 1.4 One to Many
- 1.5 Many to many

#### 1.3 Database Features

- 1.3.1 Attributes, Character Fielded Record, Tuples Files
- 1.3.2 Key, Primary KeyForeign Key, Composite Key
- 1.3.3 Referential Integrity
- 1.3.4 Use of Wild Cards

#### 1.4 MS- Access (Database)

- a) Ms-Access Use Access, Window
- b) Title Bar, Control Menu, Toolbar
- c) Status Bar
- d) Database Window
- e) Object button
- f) Data types
- g) Start Access
- h) Creating table, Table view

# 1.4.1 Create Table using in

- a) Design View
- b) Setting Primary Key, Saving table
- c) Close, exit add, delete record filed
- d) Resizing row column
- e) Freezing Hiding Column, Finding Data
- f) Repl data, Auto content, Spell checking
- g) Create Tales using in Wizard
- 1.4.2 Create relationship between Tables
- 1.4.3 Create Queries, define query, use adv
  - a) Types of query
  - b) Creating simple query
  - c) Executing data
  - d) Join, Difference between relations and join
  - e) Extracting data

- f) Use of query wizard
- 1.4.4 Create Forms, What is form
  - a) Types of form
  - b) Create form by wizard
  - c) Create form of Design View
  - d) Add new record through form
  - e) Edit record through form
  - f) Editing option
  - g) List Box, Combo Box
  - h) Adding list Box and Combo Box
  - i) Cheek Box and option button
  - j) Command Button
- 1.4.5 Create Reports
  - a) What is report?
  - b) Use of Report, Standard types report

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- c) Auto report
- d) Saving and closing auto report
- e) Create single table report
- f) Create two table report
- g) Create Report in design view
- h) Print a report
- 1.4.6 Database Security

# E-Commerce & Web Technology

#### **E-Commerce**

- **1.** *Introduction to E-Commerce.* 
  - a) The difference between e-commerce and e-business
  - b) Unique features of e-commerce technology
  - c) Types of e- commerce.
  - d) Element of a business model
  - e) Business- to consumer (B2C) business models
  - f) Business-to-business (B2B) business models
- 2. Introduction to web Technologies
  - a) Fundamental of internet and www concepts.
  - b) Protocols (HTTP,FTP, IP,TCP,)
  - c) <u>Domain Names (com, edu, org, net, mil, sip)</u>

#### **HTML**

#### 1. Introduction to HTML

- a) Introduction
- **b)** A Text Editor
- c) A Web Browser

#### 2. Creating First HTML Document

- a) Html Tag, Head Tag, Title tag, Body Tag, Heading,
- b) Paragraph Tag, Line Break Tag, Horizontal Rule Tag, Font Size

#### 3. Marking Stylish Pages

- a) Bold Tag, italic Tag, Underline Tag, Typewriter Tag,
- b) Big Tag, Small Tag, Emphasis Tag,
- c) Citation Tag, Strong Tag,
- d) Lists Unordered List, Order List

#### Graphics in web page

 Image source Tag, Linking to local Files, to section of a page, Blink Tag, Marquee Tag,

#### 2. Address Fasters and Email Link

a. Address Tag, Email Tag, Address and Email Link

#### 3. Sniffing up text

a. Font Color Font Face Superscripts Subscripts Center Tag, Tables

### 4. Mata Tags and Frames

- a. Mata Tag, Mate Refresh Tag, Meta Descriptor Tag,
- b. Frames Target Attribute No Frames Tag

#### 5. Forms

 a. Adding Forms to Web Pages Form Tag Menu Select, Text Input Element Password input.

Element text Area Input Element Radio Buttons Checks, Boxes
Submit & Reset Button.

#### **Introduction to DHTML**

- 1. Introduction to java script, form Validation, Basic, Languages Structure.
- 2. Introduction to CSS 1 & CSS2.
- **3.** Introduction to XHTML.

#### **Dream Weaver**

- 1. Introduction.
- 2. Creating Web Project.
- **3.** Applying Html on Dream Waver.
- **4.** CSS and its Implementation on Dream waver.
- **5.** Creating Menus.
- **6.** Layouts.
- 7. Slicing.
- **8.** Forms.
- 9. Tables.
- 10. Website Project.

# **Graphic Design**

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# **Photoshop CS version**

#### 1. Exploring the Photoshop Environment

- a) Explore the Photoshop interface
- b) Customize the Workspace
- c) Explore the Navigation Tools

#### 2. Working with Image Areas

- a) Select Image Areas
- b) Save a Selection
- c) Modify a Selection

# 3. Setting Color Space

- a) Calibrate and Profile your Monitor
- b) Set a Working Color Space in Photoshop
- c) Convert Image from one Color Space to Another
- d) Manage Printing and Color

# 4. Enhancing Image

- a) Print Strokes on an Image
- b) Apply Filter Effects
- c) Convert an Image to Black and White
- d) Blend Layers
- e) Merge Layers and Flatten Image
- f) Convert Color Images to Grayscale

#### 5. Working with Layers

a) Create Layers

- b) Create Type Layers
- c) Transform Layers
- d) Alter Ttype Properties
- e) Apply Layer Styles
- f) Undo Previous Steps
- g) Arrange and Group Layers

# 6. Saving Images for Web and Print

- a) Save Images for Use in Print Application
- b) Save Images for the Web
- c) Save Images as PDF

# 7. Managing Assets with Adobe@ Bridge

- a) Explore Adobe Bridge
- b) Work with Adobe Bridge
- OO, COL c) Work with Stacks and Filters in Adobe Bridge
- d) Apply Metadata and Keywords to Files
- e) Preparing Web Images
- f) Change Measurement Units
- g) Reduce File Size

#### 8. Creating Web Page Layouts

- a) Simulate a Web Page
- b) Create Web Page Background
- c) Draw Editable Vector Shapes
- d) Create Effects
- e) Export a Web Page

#### 9. Enhancing Photographs

- a) Retouch Photographs Using Photoshop Tools
- b) Create Patterns
- c) Create Swatches and Gradients
- d) Create a Custom Brush
- e) Create Custom Patterns

#### 10. Creating Special Effects

- a) Preview Text Effects Using Layer Comps
- b) Warp an Image

### 11. Automating Tasks

- a) Create an Action
- b) Manage Action

# 12. Adjusting RGB Color

- a) Meet Color Correction Objective
- b) Locate Highlights Shadows and Neutral Areas
- c) Make Automatic Color and Contrast Adjustment
- d) Make Basic Curve Adjustment

### 13. Sharpening Images

- a) Apply Un-sharp Images
- **b)** Sharpen an Image

#### (COREL DRAW Version 9 and onward)

#### **BASICS**:

- 1. Exploring the Corel DRAW Interface
- 2. Setup Drawing Page
- 3. Corel DRAW Basic
- 4. Manage Workspaces
- 5. Customizing the Command Bar
- **6.** Saving and Printing Drawing

# **Shapes and Lines:**

- 1. Basic Shapes
- 2. Working With Paths
- **3.** Modify Paths
- 4. Adding Text to Objects

## Colors

- 1. Fills and Outline
- **2.** Custom File
- 3. Custom Strokes
- 4. Drop Shadows
- 5. Modify Outline
- 6. Transform Objects

# **Working with Text**

- 1. Format Artistic Text
- 2. Fit Text to a Path
- 3. Create Paragraph Text
- 4. Wrap Paragraph Text
- 5. Modify OCT Text
- 6. Importing Image Text
- 7. Insert Special Characters
- 8. Text Effects

#### **Working with Objects**

- 1. Modify Objects
- 2. Add Graphics
- 3. Add Clipart
- 4. Spray Objects

# **Styles, Templates Symbols**

- 1. Working with text Styles
- 2. Working with Templates
- **3.** Create Symbols

### **Layers**

- 1. New Layers
- 2. Manipulate Layer

#### **Bitmaps**

- 1. Import and Adjust Bitmaps
- 2. Trace Bitmaps

# **Advanced Printing Options**

Edit a Print Style

1. Merge Text with Drawing

#### In Page Course Outline

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- 1. Toggle English / Urdu
- **2.** Tools
- **3.** Ribbon
- 4. Status Bar
- 5. Rulers
- 6. Document Area
- 7. Scroll Bars
- **8.** Cursors
- **9.** Text Box
- 10. Title Text Box
- 11. Picture Box
- 12. Graphic Box
- **13.** Line
- 14. Guides
- 15. Text Chain
- 16. Master Page
- 17. Entering Text
- **18.** Character Attributes
- 19. Paragraph Attributes
- 20. Hyphenation
- **21.** Borders
- **22.** Style sheets
- 23. Text Wrap and Repel
- **24.** Inserting Page Number
- **25.** Inserting Inline Pictures
- **26.** Inserting Tables
- 27. Importing unformatted and preformatted Text
- 28. Exporting Text
- 29. Find / Replace